

EXHIBIT A

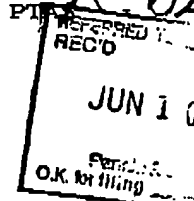
11042-0004



UNITED STATES DEPARTMENT OF COMMERCE
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JUNE 03, 2002

PENNIE & EDMONDS LLP
RORY J. RADDING
1155 AVENUE OF AMERICAS
NEW YORK, NY 10036-2711



102046104A

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RECORDATION DATE: 04/01/2002

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

LAHIRI, SYAMAL KUMAR

DOC DATE: 03/08/2002

ASSIGNOR:

PO, RINUS LEE TEK

DOC DATE: 02/18/2002

ASSIGNOR:

SAMAH, ZURUZI BIN ABU

DOC DATE: 01/03/2002

ASSIGNEE:

INSTITUTE OF MATERIALS RESEARCH
AND ENGINEERING
3 RESEARCH LINK
SINGAPORE 117602, SINGAPORE

SERIAL NUMBER: 10038291

FILING DATE: 01/02/2002

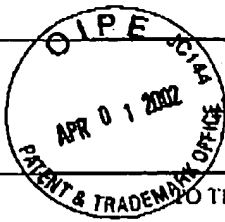
PATENT NUMBER:

ISSUE DATE:

012752/0095 PAGE 2

TONYA LEE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Express Mail Number: EL 501 742 970 US



04-08-2002

Attorney Docket Number
11042-004

102046104

TRADEMARKS

Box Assignment
Washington, DC 20231

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Syamal Kumar Lahiri, Rinus Lee Tek Po, and
Zuruzi Bin Abu Samah

4.1.02

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Institute of Materials Research and
EngineeringAddress: 3 Research LinkSingapore 117602Country (if other than USA): SINGAPORE

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Dates: March 8, 2002, February 18, 2002,
and January 3, 2002 respectively

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) 10/038,291

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

PENNIE & EDMONDS LLP
1155 Avenue of Americas
New York, N.Y. 10036-27116. Number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40
Please charge to the deposit account listed in Section 8.8. Deposit account number:
16-1150

DO NOT USE THIS SPACE

9. Statement and signature.

*In the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Rory J. Radding28,749

Name of Person Signing

Reg. No.

Signature

April 1, 2002

Date

Total number of pages including cover sheet:

3

Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231

04/05/2002 AHMED1 00000146 161150 10638291

01 50:50: 40.00 EP

JOINT

ASSIGNMENT

WHEREAS, WE, Syamal Kumar Lahiri, Binus Lee Tek Po, and Zuruzi Bin Abu Samah, ASSIGNORS, citizens of India, Malaysia, and Singapore, respectively, whose mailing addresses are 1775 Milmont Drive, Apt P-30, Milpitas, California 95035, Block 39 Circuit Road #10-595, Singapore 370039, and Materials Department, University of California Santa Barbara, Santa Barbara, California 93106-5050, respectively, are the inventors of the invention in **FORMING AN ELECTRICAL CONTACT ON AN ELECTRONIC COMPONENT** for which we have executed an application for a Patent of the United States which is identified by Pernie & Edmonds as docket No. 11042-004, filed January 2, 2002, and we hereby authorize and request Rory J. Radding, of Pernie & Edmonds as, 1155 Avenue of the Americas, New York, New York 10036-2711, to insert here in parentheses (application No. 40/238,141), the application number of said application when known,

and WHEREAS, Institute of Materials Research and Engineering, ASSIGNEE, with principal offices at 3 Research Link, Singapore 117602, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:


NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.


AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures:


Date March 8, 2002  L.S.
 Syamal Kumar Lahiri (Signature)


Before me, a witness, personally appeared Syamal Kumar Lahiri, to me known and known to me to be the person of that name, who signed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Date _____ Signature of Witness _____
 Name of Witness _____

Date 18/02/02  L.S.
 Rinty Lee Tek Po (Signature)

Before me, a witness, personally appeared Rinty Lee Tek Po, to me known and known to me to be the person of that name, who signed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Date 18/02/02  Signature of Witness _____
 CHUAN SEE STA Name of Witness _____

Date 01/03/02  L.S.
 Zuruzi Bin Abu Samah (Signature)

Before me, a witness, personally appeared Zuruzi Bin Abu Samah, to me known and known to me to be the person of that name, who signed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Date _____ Signature of Witness _____
 Name of Witness _____